

Title (en)
MULTI-STEP DRUG DOSAGE FORMS

Title (de)
DARREICHUNGSFORMEN ZUR STUFENWEISEN FREISETZUNG VON ARZNEISTOFFEN

Title (fr)
FORMES POSOLOGIQUES TAPES MULTIPLES

Publication
EP 1248595 A1 20021016 (EN)

Application
EP 01904967 A 20010122

Priority
• US 0101990 W 20010122
• US 17723000 P 20000120

Abstract (en)
[origin: WO0152815A1] Controlled release, multi-step drug dosage forms comprising a plurality of dose units and a plurality of separators that control release of drug from the dose units. In one embodiment, a dose unit is a single dosage amount of a drug that is electrostatically deposited onto a substrate. The dosage forms are designed to deliver a drug to exhibit a desired pharmacokinetic profile.

IPC 1-7
A61K 9/00; **A61K 9/20**; **A61K 9/22**; **A61K 9/24**; **A61K 9/14**

IPC 8 full level
A61K 9/22 (2006.01); **A61K 9/24** (2006.01); **A61K 9/48** (2006.01); **A61K 31/403** (2006.01); **A61K 31/522** (2006.01); **A61K 9/00** (2006.01); **A61P 1/04** (2006.01); **A61P 1/08** (2006.01); **A61P 11/00** (2006.01); **A61P 11/06** (2006.01); **A61P 11/08** (2006.01); **A61P 25/00** (2006.01); **A61P 25/06** (2006.01)

CPC (source: EP KR US)
A61K 9/00 (2013.01 - KR); **A61K 9/209** (2013.01 - EP US); **A61K 9/4808** (2013.01 - EP US); **A61P 1/04** (2018.01 - EP); **A61P 1/08** (2018.01 - EP); **A61P 11/00** (2018.01 - EP); **A61P 11/06** (2018.01 - EP); **A61P 11/08** (2018.01 - EP); **A61P 25/00** (2018.01 - EP); **A61P 25/06** (2018.01 - EP)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0152815 A1 20010726; AU 3289301 A 20010731; CA 2395974 A1 20010726; CN 1404388 A 20030319; EP 1248595 A1 20021016; EP 1248595 A4 20060614; HK 1053060 A1 20031010; HU P0501090 A2 20070228; IL 150657 A0 20030212; JP 2004508278 A 20040318; KR 20020072290 A 20020914; US 2002072735 A1 20020613; US 6702803 B2 20040309

DOCDB simple family (application)
US 0101990 W 20010122; AU 3289301 A 20010122; CA 2395974 A 20010122; CN 01803898 A 20010122; EP 01904967 A 20010122; HK 03105357 A 20030724; HU P0501090 A 20010122; IL 15065701 A 20010122; JP 2001552863 A 20010122; KR 20027009372 A 20020720; US 76669501 A 20010122